

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number  
**WO 2004/057838 A1**

(51) International Patent Classification<sup>7</sup>: **H04L 29/10**

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(21) International Application Number:  
**PCT/KR2002/002499**

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:  
30 December 2002 (30.12.2002)

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: **Korean**

(26) Publication Language: **English**

(30) Priority Data:  
10-2002-0081677  
20 December 2002 (20.12.2002) KR

**Declaration under Rule 4.17:**

— *as to non-prejudicial disclosures or exceptions to lack of novelty (Rule 4.17(v)) for all designations*

**Published:**

— *with international search report*  
— *with a declaration as to non-prejudicial disclosures or exceptions to lack of novelty*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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WO 2004/057838 A1

(54) Title: **SYSTEM FOR EMBODYING PROTOCOL IN GATEWAY GPRS SUPPORTING NODE AND METHOD THEREOF**

(57) Abstract: Disclosed is a protocol embodying system and method in the GGSN. An IP layer is provided between the GPRS network and the PDN and performs routing between the two networks, and performs routing between the protocols of the first and second network layers and the transfer layer protocol on the GPRS network. A virtual driver is provided on the lower part of the IP layer, is connected to the protocol of the GPRS tunneling provided to the upper part of the IP layer on the GPRS network, and is operable as the lower interface of the IP layer. Since the upper part and the lower part of the IP are appropriately connected by the virtual driver, a single IP is needed in the system, and the embodied configuration becomes simpler.